

Product data sheet

Characteristics

VG310R-50B

VG310R Globe Valve, 3-Way, DN50, Rp 2

Internal Thread, Brass Trim, PTFE Seat Seal,
Kvs 35 m³/h, Stem Up Closed A-AB.



Main

Valve product range	Venta
Product or component type	Valve
Valve type	Globe
Valve product series	VG310R
Valve model	VG210R 50B 35E SU00
Medium compatibility	Glycol 25 % Glycol 30 % Glycol 50 % Glycol 60 % Steam Water
Valve configuration	3-Way
Valve connection type	Rp Internal
Valve connection size	Rp 2
Body size	50 mm (2 in)
Pipe size	50 mm
Flow characteristic	Equal percentage
Flow coefficient	40.47 cv 35 kvs
Pressure class	PN16
Operating fluid temperature	-7...135 °C
Pressure fluid max delta P normal life	399.90 kPa
Saturated steam pressure delta P	241.32 kPa
Saturated steam temperature	-7...135 °C
Control valve rangeability	Greater than 100:1
Stroke length	11 mm
Seat leakage	Port A: Class III (0.1 %) (Ports B-AB) Port A: Class IV-S1 (0.005 %) (Ports A-AB)
Stem flow action	Stem up closes A and opens B to AB
Stem movement	Linear
Trim material	Brass
Body material	Bronze ASTM B584 CDA 83450 Oshalloy
Seat material	Port A: bronze Port B: bronze
Stem material	Stainless steel 316Ti
Plug material	Brass UNS C36000
Stem seal material	EPDM (ethylene propylene diene monomer) PTFE (polytetrafluoroethylene)
Seating seal material	Port A:EPDM (ethylene propylene diene monomer) Port B:brass
Packing material	PTFE/EPDM chevrons
Targeted region	Europe Asia Pacific. Australia.

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Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	10.5 cm
Package 1 Width	19.1 cm
Package 1 Length	15.2 cm
Package 1 Weight	4.26 kg

Offer Sustainability

EU RoHS Directive	Not applicable, out of EU RoHS legal scope
Environmental Disclosure	 Product Environmental Profile
Circularity Profile	No need of specific recycling operations